

CLAIMS

1/ A composition based on silicone rubber and resistant to tearing, for cables and for power accessories, said composition comprising:

5 the silicone rubber on which it is based, constituted by an organopolysiloxane;

 a first coupling agent compatible with said organopolysiloxane, and having hydroxyl first functional groups;

10 a polymer material resistant to tearing;

 a second coupling agent compatible with said polymer and having second functional groups suitable for reacting with said hydroxyl first groups; and

 a cross-linking agent and/or catalyst.

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2/ A composition according to claim 1, wherein said polymer material is chosen from among the polymers and copolymers of ethylene, the polymers and copolymers of propylene, and various mixtures thereof.

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3/ A composition according to claim 1, wherein said first coupling agent is a hydroxyl-containing silicone oil, and said second coupling agent is a compound in which said second functional groups are selected from: stearates, amines; alcohols; carboxylics; and carboxylates.

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4/ A composition according to claim 1, wherein, for 100 parts by weight of said organopolysiloxane, it contains in the range 0.5 parts by weight to 50 parts by weight of said polymer material, in the range 0.5 parts by weight to 20 parts by weight of said first coupling agent, and in the range 0.5 parts by weight to 20 parts by weight of said second coupling agent.

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5/ A composition according to claim 1, further comprising a filler suitable for conferring a predetermined specific additional property, for given operating conditions.

6/ A composition according to claim 5, wherein said
filler is selected from flame-retardant fillers and
ceramizable fillers improving the resistance of the
5 composition to fire and/or to fire propagation, and from
fillers improving the ability to withstand tracking
currents and ambient atmospheric conditions.

10 7/ A cable including a covering layer and/or an
insulating layer and/or a packing layer made of the
composition according to claim 1.

8/ A power accessory including a layer made of the
composition according to claim 1.